

08/06/01  
JC384 U.S. PTO

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PTO/SB/05 (03-01)  
Approved for use through 10/31/2002 OMB 0651-0032  
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>		Attorney Docket No. <b>101328-0159</b>
First Inventor <b>Theodore M. Bloomstein</b>		Express Mail Label No. <b>EL835840400US</b>
Title <b>STEREOLITHOGRAPHIC PATTERNING BY VARIABLE DOSE LIGHT DELIVERY</b>		

<b>APPLICATION ELEMENTS</b>		<b>ADDRESS TO:</b> Box Patent Application Commissioner for Patents Washington, DC 20231	
See MPEP chapter 600 concerning utility patent application contents			
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) (Submit on original, and a duplicate for pre-processing)	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)		
2. <input checked="" type="checkbox"/> Applicant claims small entity status: See 37 CFR 1.27	8. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)		
3. <input checked="" type="checkbox"/> Specification ( <b>53</b> pages) [Total Pages <b>58</b> ] (preferred arrangement set forth below) • Descriptive title of the invention • Cross Reference to Related Applications • Statement Regarding First sponsored R & D • Background of the invention • Brief Summary of the invention • Brief Description of the Drawings (if filed) • Detailed description • Claims (see page 1) <b>1-19</b> • Abstract (see page 1) <b>1-19</b>	a. <input type="checkbox"/> Computer Readable Form (CRF)		
	b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies), or ii. <input type="checkbox"/> paper		
	c. <input type="checkbox"/> Statements verifying identity of above copies		
<b>ACCOMPANYING APPLICATIONS PARTS</b>			
4. <input checked="" type="checkbox"/> Drawings (35 U.S.C. 113) [Total Sheets <b>24</b> ] Figs 1-20b	9. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))		
5. <input type="checkbox"/> Oath or Declaration [Total Sheets <b>4</b> ] a. <input checked="" type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuations/divisionals with Bar 16 completed)	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney		
	11. <input type="checkbox"/> English Translation Document (if applicable)		
	12. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations		
	13. <input type="checkbox"/> Preliminary Amendment		
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)		
	15. <input type="checkbox"/> Certified Copy of Priority Document(s) (if foreign priority is claimed)		
	16. <input checked="" type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i)		
	17. <input type="checkbox"/> Applicant must attach form PTO/SB/05 or its equivalent.		
6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76			

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit \_\_\_\_\_  
For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**19. CORRESPONDENCE ADDRESS**

<input checked="" type="checkbox"/> Customer Number or Bar Code Label	<b>021125</b>	or <input type="checkbox"/> Correspondence address below
Name <b>NUTTER, MCCLENNEN &amp; FISH, LLP</b> <b>Thomas J. Engellenner</b>		
Address <b>One International Place</b>		
City <b>Boston</b>	State <b>MA</b>	Zip Code <b>02110-2699</b>
Country <b>US</b>	Telephone <b>(617) 439-2948</b>	Fax <b>(617) 310-9948</b>
Name (Print/Type) <b>Thomas J. Engellenner</b>	Registration No. (Attorney/Agent)	Date <b>6 Aug 2001</b>
Signature		

I hereby certify that the correspondence is being transmitted with the U.S. Postal Service as Express Mail Label No. EL835840400US, in an envelope addressed to: Box Patent Application, Commissioner for Patents, Washington, DC 20231, on the date shown below:  
Date **8/6/01** Signature (Thomas J. Engellenner)

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

## Complete if Known

Application Number	NEW APPLICATION
Filing Date	
First Named Inventor	Theodore M. Bloomstein et al.
Examiner Name	Not Yet Assigned
Group Art Unit	N/A
Attorney Docket No.	101328-0159

TOTAL AMOUNT OF PAYMENT (\$) 355.00

## METHOD OF PAYMENT

1. ☐ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number: 141449

Deposit Account Name:

☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 ☒ Applicant claims small entity status. See 37 CFR 1.27

2. ☒ Payment Enclosed  
☒ Check ☐ Credit Card ☐ Money Order ☐ Other

## FEE CALCULATION

1. BASIC FILING FEE		Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee Code	Fee Code		
101	710	201	355	Utility filing fee	355.00
106	320	206	160	Design filing fee	
107	490	207	245	Plant filing fee	
108	710	208	355	Reissue filing fee	
114	150	214	75	Provisional filing fee	
SUBTOTAL (1) (\$)					355.00

2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
179	0	0	0
3	0	0	0
	0	0	0

Multiple Dependent: 0

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee Code	Fee Code	Fee Code		
103	18	203	9	Claims in excess of 20	
102	80	202	40	Independent claims in excess of 3	
104	270	204	135	Multiple dependent claim, if not paid	
109	80	209	40	** Reissue independent claims over original patent	
110	18	210	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2) (\$)					

\*\*or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

3. ADDITIONAL FEES		Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code	Fee Code	Fee Code	Fee Code		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for ex parte reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	390	216	195	Extension for reply within second month	
117	890	217	445	Extension for reply within third month	
118	1,390	218	695	Extension for reply within fourth month	
128	1,890	228	945	Extension for reply within fifth month	
119	310	219	155	Notice of Appeal	
120	310	220	155	Filing a brief in support of an appeal	
121	270	221	135	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,240	241	620	Petition to revive - unintentional	
142	1,240	242	620	Utility issue fee (or resue)	
143	440	243	220	Design issue fee	
144	600	244	300	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt.	
581	40	581	40	Recording each patent assignment per property (times number of properties).	
146	710	246	355	Filing a submission after final rejection (37 CFR 1.129(a))	
149	710	249	355	For each additional invention to be examined (37 CFR 1.129(b))	
179	710	279	355	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	
Other fee (specify)					
*Reduced by Basic Filing Fee Paid					
SUBTOTAL (3) (\$)					5

SUBMITTED BY		Complete (if applicable)	
Name (print/type)	Thomas J. Englelner	Registration No.	28,711
Signature		Telephone	(617) 439-2948
		Date	6 August 2001

I hereby certify that this correspondence is being handled with the U.S. Postal Service as Express Mail, No. EL835840400US, in an envelope addressed to: BOX PATENT, ATTENTION: Commissioner for Patents, Washington, DC 20231, on the date shown below.

Date: 8/6/01 Signature: (Thomas J. Englelner)

<b>REQUEST AND CERTIFICATION UNDER 35 U.S.C. 122(b)(2)(B)(i)</b>	First Named Inventor	<b>Theodore M. Bloomstein</b>
	Title	<b>Stereolithographic Patterning By Variable Dose Light Delivery</b>
	Atty Docket Number	<b>101328-159</b>

I hereby certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

6 August 2001  
Date

  
Signature

Thomas J. Engellenner

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

Burden Hour Statement: This collection of information is required by 37 CFR 1.213(a). The information is used by the public to request that an application not be published under 35 U.S.C. 122(b) (and the PTO to process that request). Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This form is estimated to take 6 minutes to complete. This time will vary depending upon the needs of the individuals case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.